

## A B S T R A C T

A kit for implanting in a duct, which includes a tubular  
5 endoprosthesis and a prosthetic valve is disclosed. The  
prosthetic valve includes a carrier frame that is radially  
deformable in elastic manner relative to a central axis of the  
tubular endoprosthesis between a deployed, implanted position,  
and a folded, implanting position. The carrier frame is urged  
10 elastically towards its deployed position. A flexible shutter  
is connected to the carrier frame. The shutter is deformable  
between an obstruction position in which it is extended  
transversely, and a release position in which it is contracted  
transversely under to allow a fluid to flow through the  
15 carrier frame. The carrier frame also includes an integrated  
centripetal compressing mechanism for centripetally  
compressing the carrier frame towards folded position.